



## PRODUCT INFORMATION BULLETIN

**Date:** March 18, 2022  
**Number:** 031822  
**Division:** Genie®  
**Product Family:** Operator Manufacturing Locations - All  
**Product Series:** All Professional Line Residential 24V DC Trolley Opener Platforms  
**To:** All Genie Professional Line Wholesalers, Dealers and Installers  
**Re:** New Circuit Boards on 24V DC Trolley Operators

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Genie will be introducing a new circuit board for all trolley operator models in the 24V DC family. The new board will eliminate the need for a separate Wi-Fi board for models featuring integrated Aladdin Connect. The Wi-Fi board will be integrated onto the main circuit board, resulting in fewer service parts to carry and service.

Additionally, we will be implementing some upgrades in the new boards that will provide enhanced features that customers will enjoy. These include the activation of the work light when the photo eye beam is interrupted and constant contact to close when using the optional wireless wall console, a feature that was previously only available with the Genie Wall Mount operators.

### Models Affected by the board update:

- All Model 1028 and 1128 variations
- All Model 2028 and 2128 variations
- Models 3120H, 3120H-B, 3120HL and 3120HL-B





### Identifying models with Previous vs New Circuit Boards:

- Previous circuit boards are green, while the new boards will be blue, this will be the easiest way to identify a new board
- All 24V operators with the date code prefix of 22075 and after will feature the new board
- Current circuit boards for operators with battery backup are a larger size and will require an adapter bracket when replacing with the new board; these will be included in service kits
- Powerheads will have small changes to the cover and/or chassis. All Aladdin Connect programming will now be located under the work-light lens cover

### Compatibility:

- Operators without Wi-Fi: Old green boards and new blue boards ARE interchangeable.
- Operators with Wi-Fi: Old green boards and new blue boards ARE NOT interchangeable.
  - New Wi-Fi models will require the new boards and older Wi-Fi models will require the older boards, with the separate Wi-Fi receiver; they will not be backward or forward compatible.

## Circuit Boards – Previous vs New, regardless of Wi-Fi / iDCM

	Previous (Green board)	New (Blue board)
Non-BBU	 A photograph of a green printed circuit board (PCB) installed in a white metal chassis. The board features several blue electrolytic capacitors, a central microcontroller, and various connectors. A battery is visible at the bottom right.	 A photograph of a blue printed circuit board (PCB) installed in a white metal chassis. The board features a central microcontroller, various connectors, and a battery at the bottom right. A green checkmark is visible on the board.
BBU	 A photograph of a green printed circuit board (PCB) installed in a white metal chassis. The board features several blue electrolytic capacitors, a central microcontroller, and various connectors. A battery is visible at the bottom right.	 A photograph of a blue printed circuit board (PCB) installed in a white metal chassis. The board features a central microcontroller, various connectors, and a battery at the bottom right. A green checkmark is visible on the board.

## Service Parts for Previous and New Boards and Covers

See attachment

Genie is committed to the highest level of quality and has taken every step to ensure our products meet the demands of our customers and yours. If you have any questions, please contact our Tech Services or Customer Care Teams for help.

## Genie Service Parts for Previous and New Boards and Covers

			Original Models				New, Next Generation Board Models							
Genie Professional Line Models	Wi-Fi	BBU	Board color	Previous Board	Wi-Fi Board	Cover	Boards: Non-Wi-Fi? = Interchangeable Wi-Fi? = <b>NOT</b> Interchangeable			Covers: Non-Wi-Fi? = Interchangeable Wi-Fi? = <b>NOT</b> Interchangeable				
							INTERCHANGEABLE	Board color	NEW BOARD: ONE Wi-Fi ONE non-Wi-Fi	INTERCHANGEABLE	NEW Cover PN			
1028/1028H	No	No	Green	38647R.S	-	38648R.S	YES	Blue	41922R.S	YES	41925R.S			
2028/2028H	No	No	Green	38647S.S		38648S.S								
1028B	No	Yes	Green	40976T.S		38648T.S								
2028B	No	Yes	Green	40976U.S		38648T.S								
1128H	Yes	No	Green	40976R.S	40988R.S	40964R.S	NO	Blue	41923R.S	NO - Old cover does not work with NEW board, NEW cover works with Old board				
2128H	Yes	No	Green	40976S.S										
1128B	Yes	Yes	Green	40976T.S										
2128HB	Yes	Yes	Green	40976U.S										
3120H/3120H-B 3120HL/3120HL-B	Yes	No/Yes	Green	39731R.S	39732R.S	39366C.S				NO	Blue	41923R.S	YES	41816.R.S